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Docket No.: K2291.0085/P085 7/ .22.63

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Masaki Ichihara

Application No.: 09/549,279

Filed: April 14, 2000

For: FREQUENCY SHIFTING CIRCUIT AND

METHOD

Art Unit: 2634

Examiner: E. ChRECEIVED

NOV 1 0 2003

Technology Center 2600

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

U.S. Patent and Trademark Office 2011 South Clark Place Customer Window, Mail Stop Non-Fee Amendment Crystal Plaza Two, Lobby, Room 1B03 Arlington, VA 22202

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated August 27, 2003 (Paper No. 8), please amend the above-identified U.S. patent application as follows:

FEE CALCULATION

Any additional fee required has been calculated as follows:

Application No.: 09/549,279 Docket No.: K2291.0085/P085

| | Claims Remaining After Amendment | Highest Number Previously Paid | Number Extra Claims Present | Rate | Additional Fee |
|--------------------|--|--------------------------------------|--------------------------------|-------|-------------------|
| Total | 14 | - 20* = | | X | |
| Independent | 5 | - 5** = | | X | |
| First presentation | of Multiple Dep | endent Claim(s) | (if applicable) | | |
| | | | | TOTAL | 0.00 |

^{*}not less than 20

No additional fee is required.

In the event a fee is required or if any additional fee during the prosecution of this application is not paid, the Patent Office is authorized to charge the underpayment to Deposit Account No. 50-2215.

CONTINGENT EXTENSION REQUEST

If this communication is filed after the shortened statutory time period had elapsed and no separate Petition is enclosed, the Commissioner of Patents and Trademarks is petitioned, under 37 CFR 1.136(a), to extend the time for filing a response to the outstanding Office Action by the number of months which will avoid abandonment under 37 CFR 1.135. The fee under 37 CFR 1.17 should be charged to our Deposit Account No. 50-2215.

Amendments to the Drawings begin on page 3 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 4 of this paper.

An **Appendix** including amended drawing figures is attached following page 8 of this paper.

^{**} not less than 3